



Florida Department of  
TRANSPORTATION



[SunTraxFL.com](http://SunTraxFL.com)

# FLORIDA'S NEW HUB for TRANSPORTATION and MOBILITY INNOVATION

PAUL SATCHFIELD

*Program Management Administrator*

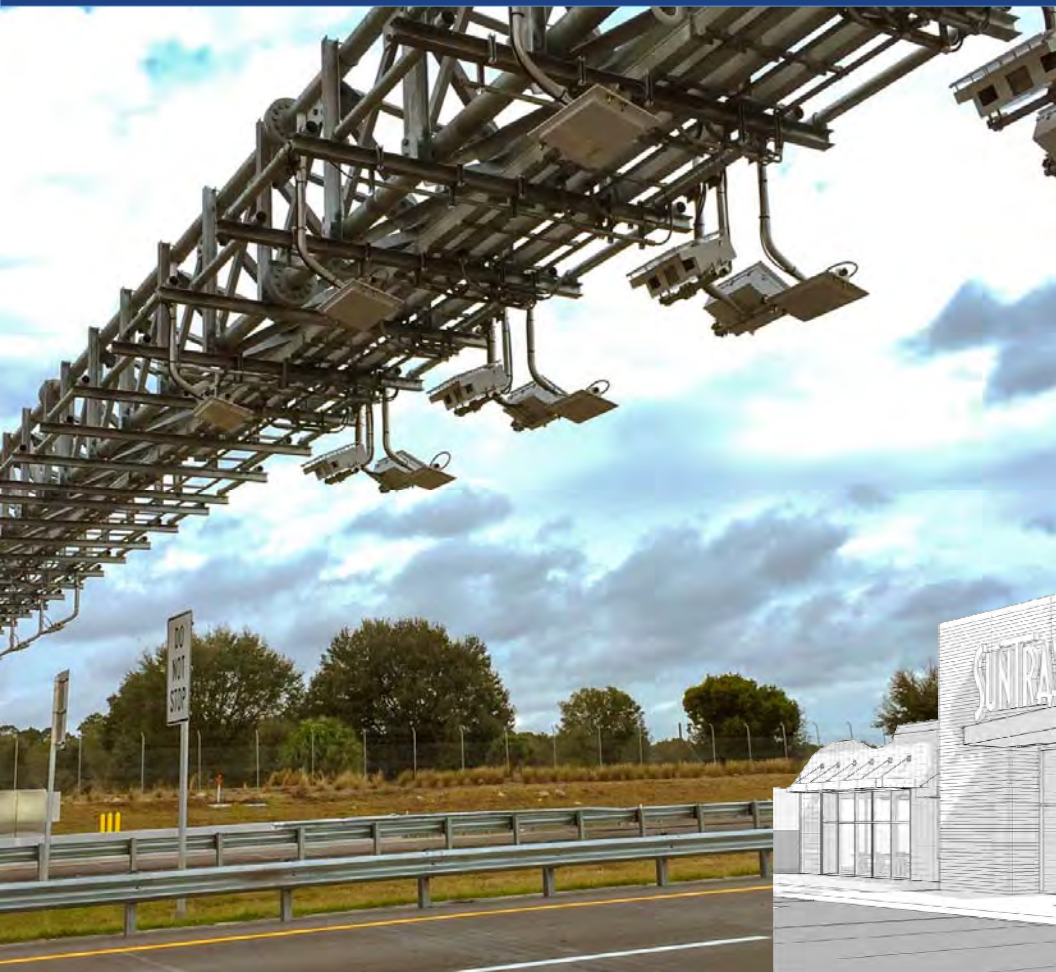
Florida's Turnpike Enterprise



- Tolls Testing
- AV/CV Testing
- National AV Proving Ground
- Project Schedule



# TOLLS TESTING

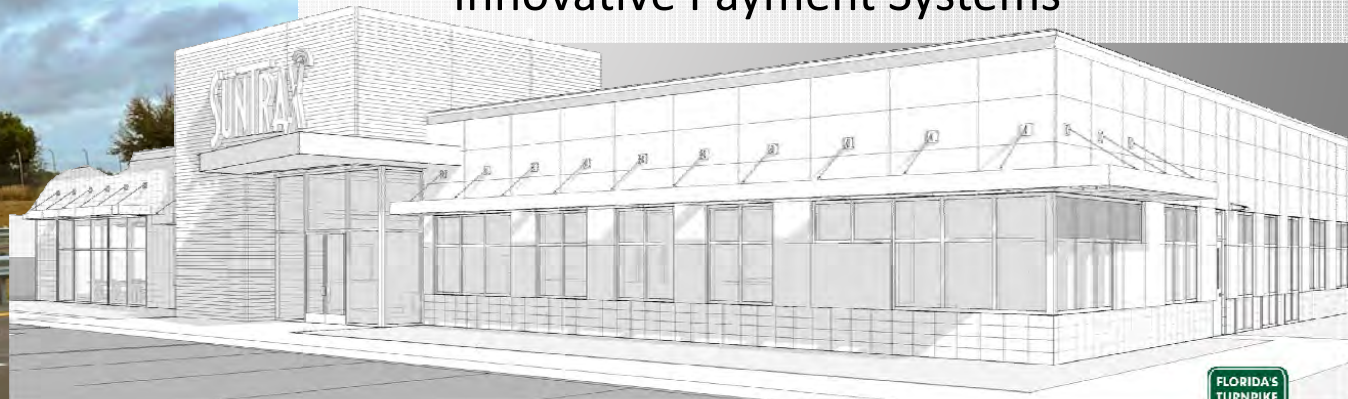


- **Why is it needed?**

- 1.3 Billion Transactions a Year
- Maintain Accuracy for Customers

- **What is it?**

- Toll Equipment (Hardware & Software)
- Managed Lanes and Corridors
- Innovative Payment Systems



# AV/CV TESTING – WHY IS IT NEEDED?

- **Huge Potential Benefits**

- Safety
- Mobility for Everyone
- Reduced Congestion, Pollution, & Costs

- **But Obstacles Remain...**

- Technology Still Developing
- Proof of Real-World Safety
- Public Perception & Legal Precedent
- Sharing of Information



# AV/CV TESTING – WHAT IS IT?

- 1 Toll Collections Testing
- 2 High-Speed Freeway Environment
- 3 Central Business District
- 4 Urban Arterial Environment
- 5 Residential, Rural and Freight Testing



# AV PROVING GROUND SELECTION



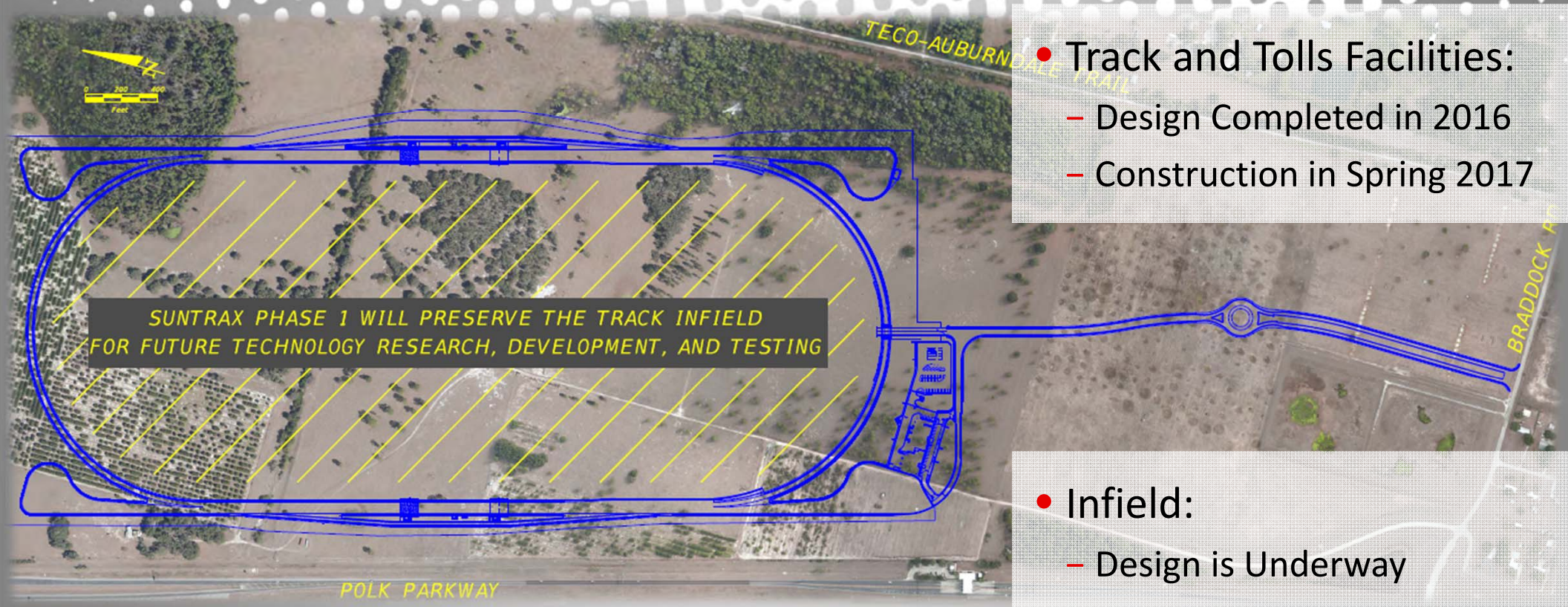
- USDOT National Designation
  - Promoting AV Technology for Safety
  - Sharing of Knowledge & Best Practices

- Central Florida AV Partnership
  - 1 of 10 Selected out of 60+ Applicants
  - Includes 9 Agencies & Universities

# PROJECT LOCATION



# PROJECT SCHEDULE



- Track and Tolls Facilities:
  - Design Completed in 2016
  - Construction in Spring 2017

- Infield:
  - Design is Underway





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## Questions?

PAUL SATCHFIELD

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[Paul.Satchfield@dot.state.fl.us](mailto:Paul.Satchfield@dot.state.fl.us)

407-264-3458